

Lake District National Park

Forecast valid from 06:00 on Monday 02 Sep 2024 until 23:59 on Tuesday 03 Sep 2024
Forecast Issued on Monday 02 Sep 2024 at 02:27

Confidence: Low for the extent and timing of any heavy showers or thunderstorms on Monday. Moderate for timing of rain spreading east late morning Monday, but low for the timing of any clearance and extent of brighter spells and clearer tops before this. Confidence remaining Low for any details Tuesday onward, including the extent of any heavy showers.

Headline for Monday 02 Sep 2024: Chance of heavy showers and thunderstorms at first. Drier and brighter skies developing in the afternoon. Feeling warm and humid.

Mountain weather hazards on Monday 02 Sep 2024

Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales No Likelihood	Severe chill effect No Likelihood	Poor visibility Medium Likelihood
Thunderstorms Low Likelihood	Heavy persistent rain Low Likelihood	Strong sunlight Low Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Cloudy	Heavy Rain	Heavy Rain	Light rain	Cloudy	Cloudy
Precipitation probability					
40%	60%	60%	50%	20%	10%

Forecast for Monday 02 Sep 2024

Weather: Heavy showers and thunderstorms will continue to move northward through the morning, perhaps merging to give a longer spell of persistent heavy rain for a time, before gradually clearing through the early afternoon. A cloudy and murky afternoon will follow, with low cloud and drizzle on the peaks. The cloud will gradually thin and break to give some occasional brighter spells during the late afternoon. Feeling warm and rather humid.

Chance of cloud-free hill tops above 800m: 10% becoming 40%.

Low cloud and visibility: Periods of cloud obscuring routes above 300m at first. Lifting to become periods of cloud above 500m from early afternoon. Often poor or very poor visibility at higher levels and at all levels during any spells of rain and drizzle. Occasionally good visibility at low levels, most consistently during the afternoon.

Forecast for Monday 02 Sep 2024

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	5/6 S	7/9 SW	8/11 SW	10/14 W	13/18 W	14/19 NW	12/16 W
600	5/6 S	7/10 SW	8/11 SW	8/11 W	11/17 W	12/19 W	11/17 W
300	1/4 S	5/8 S	4/9 SW	5/10 W	7/15 W	8/16 NW	6/14 NW
Valley	2/4 NW	4/6 SW	3/6 W	5/10 W	7/14 W	8/15 NW	7/14 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	14/14	13/12	13/12	12/10	11/8	9/6	8/5
600	15/15	14/13	14/13	14/13	12/10	11/8	10/7
300	15/16	16/16	16/16	16/15	14/13	12/11	11/10
Valley	17/18	17/17	16/17	16/16	16/15	14/14	14/12
Freezing Level*	3600m	3600m	3500m	3400m	3100m	2900m	2800m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

While confidence remains low, there is the potential for being caught out in heavy showers and thunderstorms for much of the day. Frequent lightning and the risk of hail are additional hazards. Make sure to check on what to do if caught in one, and plan accordingly.

Forecast for Tuesday 03 Sep 2024

Weather: A rather cloudy start, with outbreaks of showery rain, which will gradually clear eastwards during the morning to a leave a mixture of sunny spells and a few well-scattered showers into the afternoon. Less humid than on Monday. Any showers gradually easing by the evening, with clear spells developing.

Maximum wind: Westerly 10-15mph gusting 25mph at times.

Chance of cloud-free hill tops above 800m: 20% at first, becoming 90%.

Low cloud and visibility: Periods of cloud obscuring routes above 400m at first. Lifting above the summits by early afternoon. Poor visibility in low cloud and rain during the morning, becoming very good to excellent in the afternoon, with distant hills and peaks visible.

Temperature: **Valleys:** Plus 11 Celsius, becoming Plus 19 Celsius.
At 800m: Plus 8 Celsius, becoming Plus 12 Celsius.
Freezing level: Above the summits.

Ground Conditions Supplement

No recent ground conditions report available.

Issued at: 02:27 on Mon 02 Sep 2024